

***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:45:02 ON 28 APR 2008

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 12:45:22 ON 28 APR 2008
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s transcription or translation or protein synthesis

FILE 'MEDLINE'

319828 TRANSCRIPTION

51617 TRANSLATION

1786320 PROTEIN

476976 SYNTHESIS

55102 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L1 399624 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'SCISEARCH'

257479 TRANSCRIPTION

62388 TRANSLATION

1503123 PROTEIN

850720 SYNTHESIS

47657 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L2 345152 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'LIFESCI'

141944 TRANSCRIPTION

30041 TRANSLATION

603622 "PROTEIN"

123399 "SYNTHESIS"

18035 PROTEIN SYNTHESIS

("PROTEIN"(W)"SYNTHESIS")

L3 175877 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHDS'

23463 TRANSCRIPTION

6809 TRANSLATION

171660 PROTEIN

26748 SYNTHESIS

1601 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L4 28718 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOSIS'

274636 TRANSCRIPTION

96152 TRANSLATION

1840766 PROTEIN

636841 SYNTHESIS

81630 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L5 423768 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'EMBASE'

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        319829 TRANSCRIPTION
        51454  TRANSLATION
1764251  "PROTEIN"
620884  "SYNTHESIS"
92855   PROTEIN SYNTHESIS
        ("PROTEIN"(W)"SYNTHESIS")
L6      429067  TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'HCAPLUS'
        388166 TRANSCRIPTION
        651462 TRANSLATION
        2145651 PROTEIN
1385577  SYNTHESIS
        75733  PROTEIN SYNTHESIS
        (PROTEIN(W)SYNTHESIS)
L7      1070872 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'NTIS'
        2370  TRANSCRIPTION
        64655  TRANSLATION
        14808  PROTEIN
        36370  SYNTHESIS
        636   PROTEIN SYNTHESIS
        (PROTEIN(W)SYNTHESIS)
L8      67447  TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'ESBIOBASE'
        150613 TRANSCRIPTION
        27115  TRANSLATION
        764458 PROTEIN
        190996 SYNTHESIS
        44977  PROTEIN SYNTHESIS
        (PROTEIN(W)SYNTHESIS)
L9      198073  TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHNO'
        160885 TRANSCRIPTION
        25603  TRANSLATION
        623255 PROTEIN
        144368 SYNTHESIS
        32236  PROTEIN SYNTHESIS
        (PROTEIN(W)SYNTHESIS)
L10     200107  TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'WPIDS'
        20478  TRANSCRIPTION
        35175  TRANSLATION
        175284 PROTEIN
        106103 SYNTHESIS
        1633  PROTEIN SYNTHESIS
        (PROTEIN(W)SYNTHESIS)
L11     54140  TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

TOTAL FOR ALL FILES
L12     3392845 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

=> s l12(5a)(in vitro or cell free) or itt
FILE 'MEDLINE'
        12059565 IN
        645204  VITRO
        644845  IN VITRO
        (IN(W)VITRO)

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2262240 CELL
538285 FREE
33859 CELL FREE
      (CELL(W)FREE)
17090 L1 (5A) (IN VITRO OR CELL FREE)
1257 ITT
L13 18344 L1 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'SCISEARCH'
16631974 IN
559687 VITRO
555393 IN VITRO
      (IN(W)VITRO)
1801864 CELL
708540 FREE
18765 CELL FREE
      (CELL(W)FREE)
10611 L2 (5A) (IN VITRO OR CELL FREE)
1383 ITT
L14 11990 L2 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'LIFESCI'
229307 IN VITRO
      ("VITRO")
625764 "CELL"
117122 "FREE"
11008 CELL FREE
      ("CELL"(W)"FREE")
9949 L3 (5A) (IN VITRO OR CELL FREE)
139 ITT
L15 10086 L3 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHDS'
32822 IN VITRO
      (VITRO)
189333 CELL
30383 FREE
4901 CELL FREE
      (CELL(W)FREE)
1726 L4 (5A) (IN VITRO OR CELL FREE)
12 ITT
L16 1738 L4 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOSIS'
770903 IN VITRO
      (VITRO)
4154458 CELL
583983 FREE
32544 CELL FREE
      (CELL(W)FREE)
19902 L5 (5A) (IN VITRO OR CELL FREE)
1141 ITT
L17 21040 L5 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'EMBASE'
9809787 "IN"
1034413 "VITRO"
1034122 IN VITRO
      ("IN"(W)"VITRO")
2965451 "CELL"
445899 "FREE"
20136 CELL FREE

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        ("CELL"(W)"FREE")
    13630 L6 (5A) (IN VITRO OR CELL FREE)
    1290 ITT
L18    14917 L6 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'HCAPLUS'
    702372 IN VITRO
        (VITRO)
    2383910 CELL
    1372448 FREE
    37955 CELL FREE
        (CELL(W)FREE)
    22924 L7 (5A) (IN VITRO OR CELL FREE)
    890 ITT
L19    23811 L7 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'NTIS'
    1831239 IN
    9572 VITRO
    9482 IN VITRO
        (IN(W)VITRO)
    53442 CELL
    63521 FREE
    367 CELL FREE
        (CELL(W)FREE)
    134 L8 (5A) (IN VITRO OR CELL FREE)
    175 ITT
L20    309 L8 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'ESBIOBASE'
    3450358 IN
    251459 VITRO
    251198 IN VITRO
        (IN(W)VITRO)
    926057 CELL
    181025 FREE
    8336 CELL FREE
        (CELL(W)FREE)
    6751 L9 (5A) (IN VITRO OR CELL FREE)
    536 ITT
L21    7283 L9 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHNO'
    1588351 IN
    253158 VITRO
    253028 IN VITRO
        (IN(W)VITRO)
    822843 CELL
    81349 FREE
    9281 CELL FREE
        (CELL(W)FREE)
    9667 L10(5A) (IN VITRO OR CELL FREE)
    93 ITT
L22    9758 L10(5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'WPIDS'
    11756504 IN
    34744 VITRO
    34447 IN VITRO
        (IN(W)VITRO)
    497957 CELL
    580340 FREE

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3354 CELL FREE
      (CELL(W)FREE)
1324 L11 (5A) (IN VITRO OR CELL FREE)
      65 ITT
L23    1388 L11 (5A) (IN VITRO OR CELL FREE) OR ITT

TOTAL FOR ALL FILES
L24    120664 L12 (5A) (IN VITRO OR CELL FREE) OR ITT

=> s (nuclease# or ribonuclease# or deoxyribonuclease# or rnase## or
dnase##) (4a) inhibit?
FILE 'MEDLINE'
      17546 NUCLEASE#
      29828 RIBONUCLEASE#
      26636 DEOXYRIBONUCLEASE#
      15369 RNASE##
      12015 DNASE##
      1415562 INHIBIT?
L25    2454 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

FILE 'SCISEARCH'
      12758 NUCLEASE#
      13684 RIBONUCLEASE#
      2036 DEOXYRIBONUCLEASE#
      13525 RNASE##
      9389 DNASE##
      1209091 INHIBIT?
L26    1822 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

FILE 'LIFESCI'
      8459 NUCLEASE#
      6751 RIBONUCLEASE#
      5321 DEOXYRIBONUCLEASE#
      8122 RNASE##
      6528 DNASE##
      395991 INHIBIT?
L27    1052 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

FILE 'BIOTECHDS'
      2669 NUCLEASE#
      695 RIBONUCLEASE#
      139 DEOXYRIBONUCLEASE#
      1372 RNASE##
      753 DNASE##
      67947 INHIBIT?
L28    390 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

FILE 'BIOSIS'
      26287 NUCLEASE#
      12094 RIBONUCLEASE#
      2123 DEOXYRIBONUCLEASE#
      29604 RNASE##
      18632 DNASE##
      1612033 INHIBIT?
L29    3422 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

FILE 'EMBASE'

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12286 NUCLEASE#
16788 RIBONUCLEASE#
9271 DEOXYRIBONUCLEASE#
13152 RNASE#
10179 DNASE#
1304052 INHIBIT?
L30 1870 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE# OR
      DNASE#) (4A) INHIBIT?

FILE 'HCAPLUS'
26879 NUCLEASE#
14092 RIBONUCLEASE#
40309 RNASE
45408 RIBONUCLEASE#
      (RIBONUCLEASE# OR RNASE)
3826 DEOXYRIBONUCLEASE#
20787 DNASE
22524 DEOXYRIBONUCLEASE#
      (DEOXYRIBONUCLEASE# OR DNASE)
41268 RNASE#
21469 DNASE#
2027557 INHIBIT?
L31 5574 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE# OR
      DNASE#) (4A) INHIBIT?

FILE 'NTIS'
220 NUCLEASE#
196 RIBONUCLEASE#
47 DEOXYRIBONUCLEASE#
100 RNASE#
65 DNASE#
22723 INHIBIT?
L32 29 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE# OR
      DNASE#) (4A) INHIBIT?

FILE 'ESBIOBASE'
5302 NUCLEASE#
6293 RIBONUCLEASE#
565 DEOXYRIBONUCLEASE#
8202 RNASE#
5283 DNASE#
553670 INHIBIT?
L33 1004 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE# OR
      DNASE#) (4A) INHIBIT?

FILE 'BIOTECHNO'
7602 NUCLEASE#
7816 RIBONUCLEASE#
4089 DEOXYRIBONUCLEASE#
8055 RNASE#
6433 DNASE#
301415 INHIBIT?
L34 886 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE# OR
      DNASE#) (4A) INHIBIT?

FILE 'WPIDS'
2787 NUCLEASE#
1188 RIBONUCLEASE#
2183 RNASE
3142 RIBONUCLEASE#
      (RIBONUCLEASE# OR RNASE)
299 DEOXYRIBONUCLEASE#

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1196 DNASE
1446 DEOXYRIBONUCLEASE#
      (DEOXYRIBONUCLEASE# OR DNASE)
2441 RNASE##
1384 DNASE##
292296 INHIBIT?
L35      637 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

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TOTAL FOR ALL FILES

```

L36      19140 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
      DNASE##) (4A) INHIBIT?

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=> s l24 and l36

FILE 'MEDLINE'

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L37      88 L13 AND L25

```

FILE 'SCISEARCH'

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L38      50 L14 AND L26

```

FILE 'LIFESCI'

```

L39      50 L15 AND L27

```

FILE 'BIOTECHDS'

```

L40      28 L16 AND L28

```

FILE 'BIOSIS'

```

L41      123 L17 AND L29

```

FILE 'EMBASE'

```

L42      65 L18 AND L30

```

FILE 'HCAPLUS'

```

L43      184 L19 AND L31

```

FILE 'NTIS'

```

L44      0 L20 AND L32

```

FILE 'ESBIOBASE'

```

L45      38 L21 AND L33

```

FILE 'BIOTECHNO'

```

L46      46 L22 AND L34

```

FILE 'WPIDS'

```

L47      61 L23 AND L35

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TOTAL FOR ALL FILES

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L48      733 L24 AND L36

```

=> s l48 not 2002-2008/py

FILE 'MEDLINE'

```

3930231 2002-2008/PY
      (20020000-20089999/PY)

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L49      76 L37 NOT 2002-2008/PY

```

FILE 'SCISEARCH'

```

7331961 2002-2008/PY
      (20020000-20089999/PY)

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L50      36 L38 NOT 2002-2008/PY

```

FILE 'LIFESCI'

838463 2002-2008/PY
L51 39 L39 NOT 2002-2008/PY

FILE 'BIOTECHDS'
160567 2002-2008/PY
L52 1 L40 NOT 2002-2008/PY

FILE 'BIOSIS'
3584215 2002-2008/PY
L53 109 L41 NOT 2002-2008/PY

FILE 'EMBASE'
3451515 2002-2008/PY
L54 55 L42 NOT 2002-2008/PY

FILE 'HCAPLUS'
7654240 2002-2008/PY
L55 151 L43 NOT 2002-2008/PY

FILE 'NTIS'
104313 2002-2008/PY
L56 0 L44 NOT 2002-2008/PY

FILE 'ESBIODBASE'
1998782 2002-2008/PY
L57 25 L45 NOT 2002-2008/PY

FILE 'BIOTECHNO'
244553 2002-2008/PY
L58 42 L46 NOT 2002-2008/PY

FILE 'WPIDS'
6212711 2002-2008/PY
L59 17 L47 NOT 2002-2008/PY

TOTAL FOR ALL FILES
L60 551 L48 NOT 2002-2008/PY

=> dup rem l60
PROCESSING COMPLETED FOR L60
L61 205 DUP REM L60 (346 DUPLICATES REMOVED)

=> d tot

L61 ANSWER 1 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI New nucleic acid encoding mammalian capping enzyme, useful for catalyzing
formation of RNA 5'-terminal GpppN cap complex and in complementation
assay to identify and/or monitor genetic defect in capping pathway
PI US 6312926 B1 20011106 (200203)* EN 47[12]
IN MALDONADO E; PILLUTLA R; REINBERG D; SHATKIN A J; YUE Z

L61 ANSWER 2 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Screening nucleic acids (NA) in pool of interest comprises pooling,
expressing NA to form expression product pool and identifying NA in NA
pool corresponding to expression product pool having interaction with
target moiety
PI US 6274321 B1 20010814 (200166)* EN 19[6]
IN BLUMBERG B

L61 ANSWER 3 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Detecting viable Mycobacterium tuberculosis complex or DNA in clinical
samples or in in vitro cultures comprises reverse

transcription-strand displacement amplification
 PI US 6204026 B1 20010320 (200128)* EN 35[8]
 IN CAVE M D; DESJARDIN L E; EISENACH K D

L61 ANSWER 4 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Forming a DNA template for the production of mRNA comprises ligating a
 single-stranded DNA having a promoter, a restriction endonuclease cleavage
 site, an oligonucleotide dT sequence and a coding sequence to form a
 linear DNA catenate
 PI US 6203984 B1 20010320 (200129)* EN 11[0]
 IN HU Q; PENG A

L61 ANSWER 5 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Generating a complete full-length cDNA library from single cells for use
 in gene chip technology, involves reverse transcribing intracellular
 mRNAs, adding polynucleotide tail and amplifying formed cDNAs
 PI US 6197554 B1 20010306 (200125)* EN 11[2]
 IN CHUONG C; LIN S; YING S

L61 ANSWER 6 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Executioner caspase-3, -6, and -7 perform distinct, non-redundant roles
 during the demolition phase of apoptosis
 SO Journal of Biological Chemistry (2001), 276(10), 7320-7326
 CODEN: JBCHA3; ISSN: 0021-9258
 AU Slee, Elizabeth A.; Adrain, Colin; Martin, Seamus J.
 AN 2001:276527 HCAPLUS
 DN 134:349517

L61 ANSWER 7 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Quantification of in vitro retroviral replication using a one-tube
 real-time RT-PCR system incorporating direct RNA preparation
 SO Journal of Virological Methods (2001), 91(2), 149-155
 CODEN: JMVMDH; ISSN: 0166-0934
 AU Bisset, L. R.; Bosbach, S.; Tomasik, Z.; Lutz, H.; Schupbach, J.; Boni, J.
 AN 2001:74729 HCAPLUS
 DN 135:221944

L61 ANSWER 8 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
 STN DUPLICATE 1
 TI Isolation of a novel deoxyribonuclease with antifungal activity from
 Asparagus officinalis seeds.
 SO Biochemical and Biophysical Research Communications, (November 23, 2001)
 Vol. 289, No. 1, pp. 120-124. print.
 CODEN: BBRCA9. ISSN: 0006-291X.
 AU Wang, Hexiang; Ng, T. B. [Reprint author]
 AN 2002:40724 BIOSIS

L61 ANSWER 9 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
 TI RNA polymerase chain reaction for generating amplified mRNAs from limited
 mRNAs
 SO PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 IN Lin, Shi-Lung; Ying, Shao-Yao; Chuong, Cheng-Ming; Widelitz, Randall Bruce
 AN 2000:881343 HCAPLUS
 DN 134:37905

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000075356	A1	20001214	WO 1999-US12461	19990604
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,				

TT, UA, UG, US, UZ, VN, YU, ZW
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
 ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9943323 A 20001228 AU 1999-43323 19990604

- L61 ANSWER 10 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Production of polypeptide in cell-free protein
 synthesis system including the use of dialysis comprises forming
 product via translation or transcription/translation of encoded nucleic
 acid in concentrated cell extract
 PI WO 2000036133 A1 20000622 (200037)* JA 24[3]
 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: CA US
 JP 2000175695 A 20000627 (200042) JA 8
 EP 1143009 A1 20011010 (200167) EN
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 IN KIGAWA T; KIKAWA T; YABUKI T; YOKOYAMA S
- L61 ANSWER 11 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI In vitro synthesis, translation and
 processing of newly synthesized peptides for production of mature proteins
 involves adding amphibian egg extract to a cell-free
 translation system
 PI US 6103489 A 20000815 (200049)* EN 10[4]
 IN ARAKAKI R; ZHOU X
- L61 ANSWER 12 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Protein production by in vitro biosynthesis uses affinity matrix with
 immobilized ligand molecules to aid proper folding
 PI US 6033868 A 20000307 (200021)* EN 4[0]
 IN MARSZAL E; SCOUTEN W H
- L61 ANSWER 13 OF 205 MEDLINE on STN DUPLICATE 3
 TI Specific chaperone-like activity of inhibitor of
 caspase-activated DNase for caspase-activated DNase.
 SO The Journal of biological chemistry, (2000 Mar 17) Vol. 275, No. 11, pp.
 8091-6.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Sakahira H; Iwamatsu A; Nagata S
 AN 2000179917 MEDLINE
- L61 ANSWER 14 OF 205 Elsevier BIOBASE COPYRIGHT 2008 Elsevier Science B.V.
 on STN
 AN 2000214279 ESBIOBASE
 TI First demonstration of lactoribonuclease, a ribonuclease from bovine milk
 with similarity to bovine pancreatic ribonuclease
 AU Ye X.Y.; Ng T.B.
 CS X.Y. Ye, Department of Biochemistry, Faculty of Medicine, Chinese
 University of Hong Kong, Shatin, New Territories, Hong Kong.
 SO Life Sciences, (08 SEP 2000), 67/16 (2025-2032), 15 reference(s)
 CODEN: LIFSAK ISSN: 0024-3205
 PUI S0024320500007840
 DT Journal; Article
 CY United States
 LA English
 SL English
- L61 ANSWER 15 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Purification of a novel apolipoprotein H-like milk protein with
 ribonucleolytic and cell-free translation
 inhibitory activities

SO Life Sciences (2000), 67(8), 887-894
CODEN: LIFSAS; ISSN: 0024-3205
AU Ye, X. Y.; Ng, T. B.
AN 2000:531051 HCAPLUS
DN 133:234167

L61 ANSWER 16 OF 205 MEDLINE on STN DUPLICATE 4
TI Ribonuclease, cell-free translation
-inhibitory and superoxide radical scavenging activities of the
iron-binding protein lactoferrin from bovine milk.
SO The international journal of biochemistry & cell biology, (2000 Feb) Vol.
32, No. 2, pp. 235-41.
Journal code: 9508482. ISSN: 1357-2725.
AU Ye X Y; Wang H X; Liu F; Ng T B
AN 2000150665 MEDLINE

L61 ANSWER 17 OF 205 MEDLINE on STN DUPLICATE 5
TI Quinqueginsin, a novel protein with anti-human immunodeficiency virus,
antifungal, ribonuclease and cell-free
translation-inhibitory activities from American ginseng
roots.
SO Biochemical and biophysical research communications, (2000 Mar 5) Vol.
269, No. 1, pp. 203-8.
Journal code: 0372516. ISSN: 0006-291X.
AU Wang H X; Ng T B
AN 2000160473 MEDLINE

L61 ANSWER 18 OF 205 MEDLINE on STN DUPLICATE 6
TI Stabilization effect of zeolite on DHFR mRNA in a wheat germ cell
-free protein synthesis system.
SO Journal of bioscience and bioengineering, (2000) Vol. 89, No. 2, pp.
193-5.
Journal code: 100888800. ISSN: 1389-1723.
AU Jung G Y; Lee E Y; Kim Y; Jung B W; Kang S H; Choi C Y
AN 2005557039 MEDLINE

L61 ANSWER 19 OF 205 MEDLINE on STN DUPLICATE 7
TI Post-transcriptional regulation of rat CYP2E1 expression: role of CYP2E1
mRNA untranslated regions in control of translational efficiency and
message stability.
SO Archives of biochemistry and biophysics, (2000 Apr 1) Vol. 376, No. 1, pp.
180-90.
Journal code: 0372430. ISSN: 0003-9861.
AU Kocarek T A; Zangar R C; Novak R F
AN 2000195423 MEDLINE

L61 ANSWER 20 OF 205 MEDLINE on STN DUPLICATE 8
TI Dolichin, a new chitinase-like antifungal protein isolated from field
beans (Dolichos lablab).
SO Biochemical and biophysical research communications, (2000 Mar 5) Vol.
269, No. 1, pp. 155-9.
Journal code: 0372516. ISSN: 0006-291X.
AU Ye X Y; Wang H X; Ng T B
AN 2000160466 MEDLINE

L61 ANSWER 21 OF 205 MEDLINE on STN DUPLICATE 9
TI An easy cell-free protein synthesis
system dependent on the addition of crude Escherichia coli tRNA.
SO Journal of biochemistry, (2000 Jan) Vol. 127, No. 1, pp. 37-41.
Journal code: 0376600. ISSN: 0021-924X.
AU Kanda T; Takai K; Yokoyama S; Takaku H
AN 2000198205 MEDLINE

L61 ANSWER 22 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI Caspase-3 is the primary activator of apoptotic DNA fragmentation via DNA
fragmentation factor-45/inhibitor of caspase-activated
DNase inactivation.
SO Journal of Biological Chemistry, (Oct. 22, 1999) Vol. 274, No. 43, pp.
30651-30656. print.
CODEN: JBCHA3. ISSN: 0021-9258.
AU Wolf, Beni B. [Reprint author]; Schuler, Martin; Echeverri, Fernando;
Green, Douglas R.
AN 2000:433616 BIOSIS

L61 ANSWER 23 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI Ribonuclease activity of rat liver perchloric acid-soluble protein, a
potent inhibitor of protein synthesis.
SO Journal of Biological Chemistry, (July 16, 1999) Vol. 274, No. 29, pp.
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Ogasawara, Tomio; Oka, Tatsuzo; Endo, Yaeta [Reprint author]
AN 1999:467435 BIOSIS

L61 ANSWER 24 OF 205 MEDLINE on STN DUPLICATE 10
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caspase-activated DNase, ICAD-L, and ICAD-S.
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15740-4.
Journal code: 2985121R. ISSN: 0021-9258.
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AN 1999269116 MEDLINE

L61 ANSWER 25 OF 205 MEDLINE on STN DUPLICATE 11
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L61 ANSWER 26 OF 205 MEDLINE on STN DUPLICATE 12
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L61 ANSWER 27 OF 205 LIFESCI COPYRIGHT 2008 CSA on STN DUPLICATE 13
TI Negative regulation of the pts operon by Mlc: mechanism underlying glucose
induction in Escherichia coli
SO Genes to Cells [Genes Cells], (19990700) vol. 4, no. 7, pp. 391-399.
ISSN: 1356-9597.
AU Tanaka, Y.; Kimata, K.; Inada, T.; Tagami, H.; Aiba, H.
AN 1999:111994 LIFESCI

L61 ANSWER 28 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
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L61 ANSWER 29 OF 205 MEDLINE on STN DUPLICATE 14
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L61 ANSWER 30 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation
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 translation by inhibiting mRNAse in wheat germ extract
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 (Reprint)
 AN 1999:862003 SCISEARCH

L61 ANSWER 31 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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 use of marker specific primers and reverse transcriptase PCR, useful for,
 e.g. analysing human biopsy samples
 PI WO 9804742 A1 19980205 (199812) * EN 32[10]
 RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: AU CA JP US
 AU 9738955 A 19980220 (199828) EN
 EP 956364 A1 19991117 (199953) EN
 R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 JP 2000515761 W 20001128 (200065) JA 28
 IN BINETTE F; HAUDENSCHILD D

L61 ANSWER 32 OF 205 MEDLINE on STN DUPLICATE 16
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 cytotoxic ribonuclease markedly influence biochemical and biological
 properties.
 SO Biochemistry, (1998 Apr 14) Vol. 37, No. 15, pp. 5173-83.
 Journal code: 0370623. ISSN: 0006-2960.
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L61 ANSWER 33 OF 205 MEDLINE on STN DUPLICATE 17
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 ErbB2-clavin immunotoxin.
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 Journal code: 8102988. ISSN: 0250-7005.
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L61 ANSWER 34 OF 205 MEDLINE on STN DUPLICATE 18
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 synthesis system.
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L61 ANSWER 35 OF 205 MEDLINE on STN DUPLICATE 19
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 AN 1999083906 MEDLINE

L61 ANSWER 36 OF 205 MEDLINE on STN DUPLICATE 20
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 AN 97459759 MEDLINE

L61 ANSWER 37 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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 CODEN: BBGSD5; ISSN: 0167-4781
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 AN 1997:177531 HCAPLUS
 DN 126:273139

L61 ANSWER 38 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 21
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 SO NEW JOURNAL OF CHEMISTRY, (JAN 1997) Vol. 21, No. 1, pp. 55-60. ISSN: 1144-0546.
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L61 ANSWER 39 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Quantification of in vitro transcription of RNA from reporter construct - useful for measuring transcription regulatory activity of DNA sequences
 PI EP 733713 A1 19960925 (199643)* DE 11[0]
 R: AT CH DE ES FR GB IT LI NL SE
 JP 08256800 A 19961008 (199650) JA 8[0]
 DE 19509898 A1 19970605 (199728) DE 8[0]
 IN ABKEN H J; REIFENRATH-BIESEL B

L61 ANSWER 40 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Storage-stable reaction mixture containing many enzymes, reactants and stabilisers - especially trehalose, can be stored at room temperature and easily reconstituted for synthesis, modification etc. of nucleic acid or protein
 PI DE 19503685 A1 19960801 (199636)* DE 12[4]
 DE 19503685 C2 20000531 (200031) DE
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L61 ANSWER 41 OF 205 MEDLINE on STN DUPLICATE 22
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AN 97049056 MEDLINE

L61 ANSWER 42 OF 205 MEDLINE on STN DUPLICATE 23
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down-regulates E1BF/Ku in mouse lymphosarcoma cells.

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L61 ANSWER 43 OF 205 MEDLINE on STN DUPLICATE 24
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virus reverse transcription in vitro and
yeast retrotransposon Ty1 transposition in vivo.

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Journal code: 9607379. ISSN: 1356-9597.

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AN 97233197 MEDLINE

L61 ANSWER 44 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Recent advances in cell-free protein
synthesis towards a protein biosynthesizer

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XIII), 406-412
CODEN: ANYAA9; ISSN: 0077-8923

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AN 1997:103471 HCAPLUS
DN 126:143375

L61 ANSWER 45 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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system

SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

IN Nishimura, Kunihiro; Kitaoka, Yoshihisa; Niwano, Mitsuru
AN 1995:712283 HCAPLUS
DN 123:81768

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07147992	A	19950613	JP 1993-300493	19931130

L61 ANSWER 46 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Purificn. of mRNA from cells - by extraction with a guanidine salt, dilution
and separation by binding to oligo dT or oligo U

PI US 5459253 A 19951017 (199547)* EN 8[3]
US 5614391 A 19970325 (199718) EN 8[3]

IN FRANCIŠKOVICH P P; WOLIN C D

L61 ANSWER 47 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation
on STN DUPLICATE 25
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TRANSCRIPTION BY ANTISENSE OLIGONUCLEOTIDES - COMPARATIVE-STUDY IN
CELL-FREE ASSAYS AND IN HIV-INFECTED CELLS

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AMERICA, (26 SEP 1995) Vol. 92, No. 20, pp. 9383-9387.
ISSN: 0027-8424.

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SARIHCOTTIN L; HELENE C

AN 1995:660510 SCISEARCH

L61 ANSWER 48 OF 205 MEDLINE on STN DUPLICATE 26

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Journal code: 0370623. ISSN: 0006-2960.

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Matteucci M D; Wagner R W

AN 95226391 MEDLINE

L61 ANSWER 49 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN

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SO Nucleic Acids Research (1995), 23(17), 3434-40
CODEN: NARHAD; ISSN: 0305-1048

AU Larrouy, Beatrice; Boiziau, Claudine; Sproat, Brian; Toulme, Jean-Jacques
AN 1995:836316 HCAPLUS

DN 124:139467

L61 ANSWER 50 OF 205 MEDLINE on STN DUPLICATE 27

TI Inhibition of HIV-1 reverse transcription by triple-helix forming oligonucleotides with viral RNA.

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Journal code: 0411011. ISSN: 0305-1048.

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AN 95258330 MEDLINE

L61 ANSWER 51 OF 205 MEDLINE on STN DUPLICATE 28

TI A potent, cost-effective RNase inhibitor.

SO BioTechniques, (1995 Jun) Vol. 18, No. 6, pp. 1068-73.
Journal code: 8306785. ISSN: 0736-6205.

AU Murphy N R; Leinbach S S; Hellwig R J
AN 96023391 MEDLINE

L61 ANSWER 52 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Improvement of Escherichia coli cell-free system by utilization of cell extract having additional property. Problems and countermeasures

SO Applied Biochemistry and Biotechnology (1995), 53(1), 29-35
CODEN: ABIBDL; ISSN: 0273-2289

AU Nishimura, Norihiro; Kitaoka, Yoshihisa; Niwano, Mitsuru
AN 1995:556345 HCAPLUS

DN 122:308896

L61 ANSWER 53 OF 205 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights reserved on STN

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SO BioTechniques, (1995) Vol. 18, No. 6, pp. 1068-1072+1074.
ISSN: 0736-6205 CODEN: BTNQDO

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CS Research and Development, 5 Prime - 3 Prime, Inc., 5603 Arapahoe Avenue,
Boulder, CO 80303-1332, United States.

AN 1995173716 EMBASE

L61 ANSWER 54 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN

TI Protein preparation - by using cell-free protein synthesis system e.g. wheat germ extract

PI JP 06225783 A 19940816 (199437)* JA 5[0]
IN NAKANO H; YAMANE T

L61 ANSWER 55 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation

on STN

TI TARGET-SPECIFIC ARREST OF MESSENGER-RNA TRANSLATION BY ANTISENSE
2'-O-ALKYLOLIGORIBONUCLEOTIDES

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ISSN: 0305-1048.

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AN 1994:760911 SCISEARCH

L61 ANSWER 56 OF 205 MEDLINE on STN

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yields in analytical scale reactions.

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Journal code: 0370535. ISSN: 0003-2697.

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AN 95068955 MEDLINE

L61 ANSWER 57 OF 205 MEDLINE on STN DUPLICATE 29

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free protein synthesis inhibition by
an anti-tumor ribonuclease.

SO Biochemical and biophysical research communications, (1994 Oct 14) Vol.
204, No. 1, pp. 156-62.
Journal code: 0372516. ISSN: 0006-291X.

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AN 95032089 MEDLINE

L61 ANSWER 58 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation
on STN DUPLICATE 30

TI UTILIZATION OF COPPER-ION AS A RIBONUCLEASE INHIBITOR
IN A CELL-FREE PROTEIN-SYNTHESIS
SYSTEM

SO JOURNAL OF FERMENTATION AND BIOENGINEERING, (1994) Vol. 78, No. 2, pp.
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ISSN: 0922-338X.

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AN 1994:552143 SCISEARCH

L61 ANSWER 59 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Enzymic activity of melonin, a translational inhibitor present in dry
seeds of Cucumis melo L.

SO Plant Science (Shannon, Ireland) (1994), 103(2), 127-34
CODEN: PLSCE4; ISSN: 0168-9452

AU Rojo, M. Angeles; Arias, F. Javier; Iglesias, Rosario; Ferreras, J.
Miguel; Soriano, Fernando; Mendez, Enrique; Escarmis, Cristina; Girbes,
Tomas

AN 1995:269625 HCAPLUS

DN 122:181571

L61 ANSWER 60 OF 205 MEDLINE on STN DUPLICATE 31

TI In vitro translation of an intact mRNA
coding for a poly(U), poly(C) specific ribonuclease isolated from
six-day-old larvae of Ceratitis capitata by a modified extraction
procedure.

SO Biochemistry and molecular biology international, (1994 Aug) Vol. 34, No.
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Journal code: 9306673. ISSN: 1039-9712.

AU Lalioti V S; Fragoulis E G

AN 95152415 MEDLINE

L61 ANSWER 61 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Simple isolation of functional RNA from woody stems of gymnosperms

SO Plant Molecular Biology Reporter (1994), 12(1), 20-5

CODEN: PMBRD4; ISSN: 0735-9640

AU Lewinsohn, Efrain; Steele, Christopher L.; Croteau, Rodney
AN 1994:503437 HCAPLUS
DN 121:103437

L61 ANSWER 62 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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oligodeoxyribonucleotides composed of α - and β -anomeric
fragments

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CODEN: GENED6; ISSN: 0378-1119
AU Gottikh, Marina; Baud-Demattèi, Marie Veronique; Lescot, Elie;
Giorgi-Renault, Sylviane; Shabarova, Zoe; Dautry, Francois; Malvy, Claude;
Bertrand, Jean-Remi
AN 1995:217606 HCAPLUS
DN 122:96437

L61 ANSWER 63 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Coupled transcription and translation in eukaryotic
cell-free extract
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2

IN Thompson, David V.; Van Oosbree, Thomas R.
AN 1993:229729 HCAPLUS
DN 118:229729

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9307287	A1	19930415	WO 1992-US8518	19921007
W: AU, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
AU 9227921	A	19930503	AU 1992-27921	19921007
AU 660329	B2	19950622		
EP 566714	A1	19931027	EP 1992-922343	19921007
EP 566714	B1	19970102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
JP 06503477	T	19940421	JP 1993-507150	19921007
JP 2904583	B2	19990614		
AT 147104	T	19970115	AT 1992-922343	19921007
ES 2097363	T3	19970401	ES 1992-922343	19921007

L61 ANSWER 64 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Polypeptide synthesis with automatic regeneration of ATP and GTP - uses
cell-free translation system with ATP, GTP and
aminoacid as substrates

PI JP 05076381 A 19930330 (199317)* JA 4[1]
IN SATO T

L61 ANSWER 65 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI A Cucumis sativus cell-free translation
system: preparation, optimization and sensitivity to some antibiotics and
ribosome-inactivating proteins

SO Physiologia Plantarum (1993), 88(4), 549-56
CODEN: PHPLAI; ISSN: 0031-9317
AU Rojo, M. A.; Arias, F. J.; Iglesias, R.; Ferreras, J. M.; Munoz, R.;
Girbes, T.
AN 1993:643690 HCAPLUS
DN 119:243690

L61 ANSWER 66 OF 205 MEDLINE on STN DUPLICATE 32
TI Targeting of antisense DNA: comparison of activity of anti-rabbit
beta-globin oligodeoxyribonucleoside phosphorothioates with computer
predictions of mRNA folding.

SO Antisense research and development, (1993 Winter) Vol. 3, No. 4, pp. 339-48.
Journal code: 9110698. ISSN: 1050-5261.

AU Jaroszewski J W; Syi J L; Ghosh M; Ghosh K; Cohen J S
AN 94207285 MEDLINE

L61 ANSWER 67 OF 205 MEDLINE on STN DUPLICATE 33
TI Characterization and sequencing of rabbit, pig and mouse angiogenins: discernment of functionally important residues and regions.

SO Biochimica et biophysica acta, (1993 Mar 5) Vol. 1162, No. 1-2, pp. 177-86.
Journal code: 0217513. ISSN: 0006-3002.

AU Bond M D; Strydom D J; Vallee B L
AN 93192291 MEDLINE

L61 ANSWER 68 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 34
TI Rapid and efficient purification of seed messenger RNA without phenol:chloroform extraction.

SO Seed Science Research, (1993) Vol. 3, No. 2, pp. 137-139.
ISSN: 0960-2585.

AU Pramanik, S. K. [Reprint author]; Reynolds, T. L.; MacIsaac, S. A.; Bewley, J. D.
AN 1993:432879 BIOSIS

L61 ANSWER 69 OF 205 MEDLINE on STN DUPLICATE 35
TI Characterization of ribonuclease H activities present in two cell-free protein synthesizing systems, the wheat germ extract and the rabbit reticulocyte lysate.

SO Biochimie, (1993) Vol. 75, No. 1-2, pp. 113-22.
Journal code: 1264604. ISSN: 0300-9084.

AU Cazenave C; Frank P; Busen W
AN 93277966 MEDLINE

L61 ANSWER 70 OF 205 MEDLINE on STN DUPLICATE 36
TI Inactivation of ribosomes by an inhibitor of protein synthesis from Salmonella enteritidis.

SO The new microbiologica : official journal of the Italian Society for Medical, Odontoiatric, and Clinical Microbiology (SIMMOC), (1993 Jan) Vol. 16, No. 1, pp. 79-22.
Journal code: 9516291. ISSN: 1121-7138.

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AN 93225882 MEDLINE

L61 ANSWER 71 OF 205 MEDLINE on STN DUPLICATE 37
TI RNase H-mediated inhibition of translation by antisense oligodeoxyribonucleotides: use of backbone modification to improve specificity.

SO Gene, (1992 Nov 16) Vol. 121, No. 2, pp. 189-94.
Journal code: 7706761. ISSN: 0378-1119.

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AN 93077031 MEDLINE

L61 ANSWER 72 OF 205 MEDLINE on STN DUPLICATE 38
TI Translation inhibition by phosphorothioate oligodeoxynucleotides in cell-free systems.

SO Antisense research and development, (1992 Summer) Vol. 2, No. 2, pp. 111-8.
Journal code: 9110698. ISSN: 1050-5261.

AU Ghosh M K; Ghosh K; Cohen J S
AN 93005522 MEDLINE

L61 ANSWER 73 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
 STN DUPLICATE 39
 TI APPLICATION OF FORMALDEHYDE AGAROSE GELS TO DETECT RNASE CONTAMINATION IN
 REAGENTS USED IN RNA WORK.
 SO Methods in Molecular and Cellular Biology, (1992) Vol. 3, No. 2, pp.
 71-76.
 CODEN: MMCBEV. ISSN: 0898-7750.
 AU MCKENZIE D [Reprint author]; RANGANATHAN R; CALVO-RIERA F
 AN 1992:343341 BIOSIS

L61 ANSWER 74 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Method for obtaining polypeptides in a cell-free
 translation system
 SO PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 IN Ovodov, S. Yu.; Baranov, V. I.; Alakhov, Yu. B.; Ryabova, L. A.
 AN 1991:554530 HCAPLUS
 DN 115:154530
 OREF 115:26343a,26346a

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9102075	A1	19910221	WO 1990-SU145	19900605
W: BG, CA, FI, HU, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
CA 2064685	A1	19910201	CA 1990-2064685	19900605
CA 2064685	C	19960618		
EP 485608	A1	19920520	EP 1990-912889	19900605
EP 485608	B1	19951122		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
JP 05505095	T	19930805	JP 1990-512062	19900605
JP 2891540	B2	19990517		
AT 130633	T	19951215	AT 1990-912889	19900605
US 5478730	A	19951226	US 1992-991757	19921216

L61 ANSWER 75 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
 TI Polypeptide production in cell-free system - by translation of matrix RNA
 modified by alkylation
 PI WO 9102074 A 19910221 (199110)* EN
 RW: AT BE CH DE DK ES FR GB IT LU NL SE
 W: BG CA FI HU JP US
 IN ALAKHOV J B; OVODOV S J

L61 ANSWER 76 OF 205 MEDLINE on STN DUPLICATE 40
 TI Effect of heparin contained in preparations of small cytoplasmic RNAs on
 cell-free translation.
 SO The Journal of biological chemistry, (1991 Jan 25) Vol. 266, No. 3, pp.
 1921-5.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Johansson H E; De Groot N; Hochberg A A; Hentze M W
 AN 91107699 MEDLINE

L61 ANSWER 77 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
 TI Inhibition of translation initiation by antisense oligonucleotides via an
 RNase-H independent mechanism
 SO Nucleic Acids Research (1991), 19(5), 1113-19
 CODEN: NARHAD; ISSN: 0305-1048
 AU Boiziau, Claudine; Kurfurst, Robin; Cazenave, Christian; Roig, Victoria;
 Nguyen Thanh Thuong; Toulme, Jean Jacques
 AN 1991:507478 HCAPLUS
 DN 115:107478
 OREF 115:18293a,18296a

L61 ANSWER 78 OF 205 MEDLINE on STN DUPLICATE 41
 TI Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation.
 SO The EMBO journal, (1991 May) Vol. 10, No. 5, pp. 1111-8.
 Journal code: 8208664. ISSN: 0261-4189.
 AU Saison-Behmoaras T; Tocque B; Rey I; Chassignol M; Thuong N T; Helene C
 AN 91216105 MEDLINE

L61 ANSWER 79 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 42
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 DN 115:154486
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WO 9009456	A1	19900823	WO 1990-DE102	19900216
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
EP 458831	A1	19911204	EP 1990-903145	19900216
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				

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Original Title: Untersuchungen zur Biosynthese der Proteine. VII.
Aktivitat verschiedener Desoxyribonucleinsauren und eines
Ribonucleaseinhibitors aus Kaninchenreticulocyten in einem zellfreien
Proteinsynthese-System aus Escherichia coli. DNA-abhangige in
vitro-Synthese, "fruher Proteine" des E.-coli-Phagen T4 [Engl. sum.].
SO HOPPE SEYLER S Z PHYSIOL CHEM, (1966) Vol. 343, No. 4/6, pp. 261-275.
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AN 1967:91683 BIOSIS

L61 ANSWER 197 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Incorporation of amino acids into protein in a cell-free system from
Bacillus cereus
SO Biochimica et Biophysica Acta, Nucleic Acids and Protein Synthesis (1966),
119(1), 160-70
CODEN: BBNPAS; ISSN: 0005-2787
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AN 1966:105973 HCAPLUS
DN 64:105973
OREF 64:20036d-e

L61 ANSWER 198 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Protein synthesis studies with a cell-
free plastid preparation from tomato fruit locule tissue
SO Biochemical Journal (1966), 101(3), 28P
CODEN: BIJOAK; ISSN: 0264-6021
AU Davies, Jeffrey William; Cocking, Edward C.
AN 1967:43702 HCAPLUS
DN 66:43702
OREF 66:8279a,8282a

L61 ANSWER 199 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI Protein synthesis in mitochondria of normal and tumor-tissue in vitro
[Engl. and Russ. summ.].
Original Title: Uber die Protein-synthese in
vitro von Mitochondrien aus Normal- und Tumorgewebe [Engl. and
Russ. summ.].
SO ACTA BIOL MED GER, (1965) Vol. 15, No. 6, pp. 826-853.
AU GRAFFI, A.; BUTSCHAK, G.; SCHNEIDER, E. J.; KUHN, W.
AN 1967:29191 BIOSIS

L61 ANSWER 200 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN DUPLICATE 105
TI On the relationship between a post-microsomal fraction and
polynucleotide-directed amino acid incorporation by rat-liver ribosomes.
SO BIOCHIM BIOPHYS ACTA, (1965) Vol. 108, No. 3, pp. 419-433.

AU MIZRAHI, I. J.
AN 1966:40243 BIOSIS

L61 ANSWER 201 OF 205 MEDLINE on STN
TI [Studies on the biosynthesis of proteins. VII. Activity of various desoxyribonucleic acids and ribonuclease inhibitors from rabbit reticulocytes in a cell-free protein synthesis system in Escherichia coli. DNA-dependent in vitro synthesis of "early proteins" of E. coli phages T4]. Untersuchungen zur Biosynthese der Proteine. VII. Aktivität verschiedener Desoxyribonucleinsäuren und eines Ribonucleasainhibitors aus Kaninchenreticulocyten in einem zellfreien Proteinsynthese-System aus Escherichia coli. DNA-abhängige in vitro-Synthese "früher Proteine" des E.-coli-Phagen T4.
SO Hoppe-Seyler's Zeitschrift für physiologische Chemie, (1965) Vol. 343, No. 4, pp. 261-75.
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AU Traub P; Zillig W; Millette R L; Schweiger M
AN 66153284 MEDLINE

L61 ANSWER 202 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 106
TI Relationship between cell-free synthesis of ornithine transcarbamylase and protein synthesis.
SO ARCH BIOCHEM BIOPHYS, (1965) Vol. 111, No. 1, pp. 39-53.
AU ROGERS, PALMER
AN 1965:103728 BIOSIS

L61 ANSWER 203 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Nuclease inhibitors as a tool for studying their biological function.
SO ACTA UNIO INT CONTRA CANCER, (1964) Vol. 20, No. 4/5, pp. 899-901. Meeting Info.: Eighth International Cancer Congress, Moscow, 22-28 July, 1962.
AU SHAPOT, V. S.
AN 1965:57385 BIOSIS

L61 ANSWER 204 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Protein synthesis in [the human] brain microsomal system [in vitro]
SO Journal of Neurochemistry (1964), 11(6), 403-12
CODEN: JONRA9; ISSN: 0022-3042
AU Suzuki, Kunihiko; Korey, Saul R.; Terry, Robert D.
AN 1965:83631 HCAPLUS
DN 62:83631
OREF 62:14954f-h,14955a

L61 ANSWER 205 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI The dependence of cell free protein synthesis upon naturally occurring or synthetic template RNA [ribonucleic acid]
SO Bulletin of the New York Academy of Medicine (1962), 38(2), 145
CODEN: BNYMAM; ISSN: 0028-7091
AU Nirenberg, Marshall W.; Matthaei, J. Heinrich
AN 1964:448966 HCAPLUS
DN 61:48966
OREF 61:8549c-e

=>
=> d ab 196,203

L61 ANSWER 196 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN DUPLICATE 104

AB The DNA from different sources differ considerably in their ability to
initiate protein synthesis in a DNA-dependent
cell-free system; DNA from T-phages, Bacillus subtilis
phages-SP50, B. subtilis, B. megatherium and Haemo-philus influenzae are
very active; from E.coli and the replicativeform of phage [PHI] X174
moderately active; from E. coli phages- [lambda]c and-[lambda]vir,
mammalian tissues and polyoma and papilloma virus practically inactive.
The reasons for these differences are discussed. The hydrolysis by
endogenous ribonucleases of mRNA synthesized in the system is inhibited by
the addition of foreign RNA, (ribosomal RNA). The undesirable inhibition
of the transcription process can be largely avoided if the transcription
is started before the addition of the RNA. The stability of the RNA and
the protein synthesis in the system are considerably increased by the
addition of ribonuclease inhibitor from rabbit
reticulocyte supernatant. The inhibitor is probably protein or
nucleoprotein. B the DNA from E. coli phage-T4 is used as the template,
amino-acids are incorporated into material with the antigenic properties
of early protein" a precipitate is formed with phage anti-serum. ABSTRACT
AUTHORS: Authors

L61 ANSWER 203 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN

AB Polyvinyl sulfate (PVS) might be considered as a specific
inhibitor of nucleases since it does not interfere with
protein synthesis in animal cell-free
system as well as with oxidative phosphorylation in ascites cancer cells.
In this connection an attempt is made to find out whether the
inhibition of nucleases influence the growth rate of 4
varieties of normal and 3 varieties of tumor tissues surviving as explants
in tissue culture. Growth of normal tissues revealed an inhibition 2-5
times in the presence of PVS as well twofold decrease in the mitotic
index. Tumors proved less susceptible to nuclease
inhibition. ABSTRACT AUTHORS: From auth. summ

=> s recbc? or exov or (exo or exonuclease)(w)v

FILE 'MEDLINE'

648 RECBC?
20 EXOV
4882 EXO
4499 EXONUCLEASE
465662 V
99 (EXO OR EXONUCLEASE)(W)V

L62 715 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'SCISEARCH'

643 RECBC?
12 EXOV
11243 EXO
4182 EXONUCLEASE
1221892 V
92 (EXO OR EXONUCLEASE)(W)V

L63 679 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'LIFESCI'

467 RECBC?
12 EXOV
3154 EXO
2759 EXONUCLEASE
89699 V

```

      47 (EXO OR EXONUCLEASE) (W) V
L64    493 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'BIOTECHDS'
      60 RECBC?
      3 EXOV
     1422 EXO
     1343 EXONUCLEASE
     29583 V
      20 (EXO OR EXONUCLEASE) (W) V
L65    78 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'BIOSIS'
      717 RECBC?
      22 EXOV
     9052 EXO
     4936 EXONUCLEASE
     487558 V
      102 (EXO OR EXONUCLEASE) (W) V
L66    791 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'EMBASE'
      512 RECBC?
      19 EXOV
     4981 EXO
     3995 EXONUCLEASE
     473778 V
      60 (EXO OR EXONUCLEASE) (W) V
L67    552 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'HCAPLUS'
      804 RECBC?
      28 EXOV
     29703 EXO
     7466 EXONUCLEASE
     1147818 V
      223 (EXO OR EXONUCLEASE) (W) V
L68    962 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'NTIS'
      7 RECBC?
      0 EXOV
     307 EXO
     44 EXONUCLEASE
     39892 V
      2 (EXO OR EXONUCLEASE) (W) V
L69    9 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'ESBIOBASE'
      286 RECBC?
      12 EXOV
     2061 EXO
     1973 EXONUCLEASE
     319547 V
      14 (EXO OR EXONUCLEASE) (W) V
L70    296 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'BIOTECHNO'
      354 RECBC?
      17 EXOV
     1171 EXO
     2485 EXONUCLEASE

```

```

          99304 V
          39 (EXO OR EXONUCLEASE) (W) V
L71       373 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'WPIDS'
          20 RECBC?
            1 EXOV
          2423 EXO
          1405 EXONUCLEASE
          313531 V
            18 (EXO OR EXONUCLEASE) (W) V
L72       38 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

```

```

TOTAL FOR ALL FILES
L73       4986 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

```

```

=> s l24 and l73
FILE 'MEDLINE'
L74       4 L13 AND L62

```

```

FILE 'SCISEARCH'
L75       3 L14 AND L63

```

```

FILE 'LIFESCI'
L76       5 L15 AND L64

```

```

FILE 'BIOTECHDS'
L77       3 L16 AND L65

```

```

FILE 'BIOSIS'
L78       3 L17 AND L66

```

```

FILE 'EMBASE'
L79       3 L18 AND L67

```

```

FILE 'HCAPLUS'
L80       6 L19 AND L68

```

```

FILE 'NTIS'
L81       0 L20 AND L69

```

```

FILE 'ESBIOBASE'
L82       3 L21 AND L70

```

```

FILE 'BIOTECHNO'
L83       1 L22 AND L71

```

```

FILE 'WPIDS'
L84       1 L23 AND L72

```

```

TOTAL FOR ALL FILES
L85       32 L24 AND L73

```

```

=> s linear dna
FILE 'MEDLINE'
          201876 LINEAR
          951803 DNA
L86       1522 LINEAR DNA
          (LINEAR (W) DNA)

```

```

FILE 'SCISEARCH'
          557171 LINEAR

```

```

        690757 DNA
L87      1222 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'LIFESCI'
        44495 "LINEAR"
        323973 "DNA"
L88      1018 LINEAR DNA
        ("LINEAR"(W) "DNA")

FILE 'BIOTECHDS'
        8426 LINEAR
        167115 DNA
L89      507 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'BIOSIS'
        216039 LINEAR
        1272129 DNA
L90      1705 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'EMBASE'
        171563 "LINEAR"
        727617 "DNA"
L91      1241 LINEAR DNA
        ("LINEAR"(W) "DNA")

FILE 'HCAPLUS'
        643627 LINEAR
        890203 DNA
L92      2236 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'NTIS'
        75333 LINEAR
        10119 DNA
L93      8 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'ESBIOBASE'
        77930 LINEAR
        333458 DNA
L94      652 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'BIOTECHNO'
        25959 LINEAR
        388151 DNA
L95      800 LINEAR DNA
        (LINEAR(W) DNA)

FILE 'WPIDS'
        267616 LINEAR
        94037 DNA
L96      321 LINEAR DNA
        (LINEAR(W) DNA)

TOTAL FOR ALL FILES
L97      11232 LINEAR DNA

=> s 124 and 197

```

```

FILE 'MEDLINE'
L98      44 L13 AND L86

FILE 'SCISEARCH'
L99      27 L14 AND L87

FILE 'LIFESCI'
L100     36 L15 AND L88

FILE 'BIOTECHDS'
L101     15 L16 AND L89

FILE 'BIOSIS'
L102     51 L17 AND L90

FILE 'EMBASE'
L103     36 L18 AND L91

FILE 'HCAPLUS'
L104     70 L19 AND L92

FILE 'NTIS'
L105      0 L20 AND L93

FILE 'ESBIOBASE'
L106     16 L21 AND L94

FILE 'BIOTECHNO'
L107     25 L22 AND L95

FILE 'WPIDS'
L108     15 L23 AND L96

TOTAL FOR ALL FILES
L109     335 L24 AND L97

=> s l109 not 2002-2008/py
FILE 'MEDLINE'
      3930231 2002-2008/PY
              (20020000-20089999/PY)
L110      34 L98 NOT 2002-2008/PY

FILE 'SCISEARCH'
      7331961 2002-2008/PY
              (20020000-20089999/PY)
L111      15 L99 NOT 2002-2008/PY

FILE 'LIFESCI'
      838463 2002-2008/PY
L112      27 L100 NOT 2002-2008/PY

FILE 'BIOTECHDS'
      160567 2002-2008/PY
L113      8 L101 NOT 2002-2008/PY

FILE 'BIOSIS'
      3584215 2002-2008/PY
L114      37 L102 NOT 2002-2008/PY

FILE 'EMBASE'
      3451515 2002-2008/PY
L115      28 L103 NOT 2002-2008/PY

```

FILE 'HCAPLUS'
7654240 2002-2008/PY
L116 52 L104 NOT 2002-2008/PY

FILE 'NTIS'
104313 2002-2008/PY
L117 0 L105 NOT 2002-2008/PY

FILE 'ESBIOBASE'
1998782 2002-2008/PY
L118 7 L106 NOT 2002-2008/PY

FILE 'BIOTECHNO'
244553 2002-2008/PY
L119 24 L107 NOT 2002-2008/PY

FILE 'WPIDS'
6212711 2002-2008/PY
L120 2 L108 NOT 2002-2008/PY

TOTAL FOR ALL FILES
L121 234 L109 NOT 2002-2008/PY

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY
438.33

SESSION
438.54

STN INTERNATIONAL LOGOFF AT 13:28:26 ON 28 APR 2008